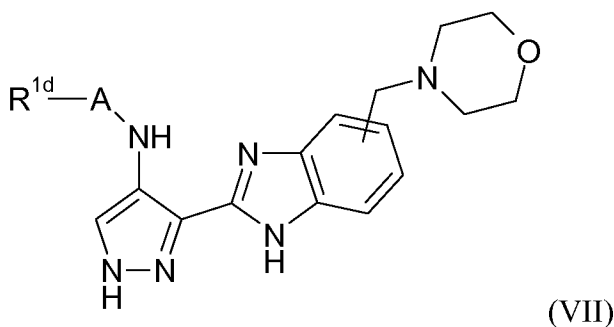


## AMENDMENTS TO THE CLAIMS

What is claimed is:

1-81. (Canceled)

82. (Currently Amended) A compound of the formula (VII):



or a salt or N-oxide thereof;

wherein A is  $-(CH_2)_m-(B)_n-$ ; where m is 0 or 1, n is 1 and B is  $C=O$  or  $NR^g(C=O)$ ; and  $R^g$  is hydrogen; and

$R^{1d}$  is a group  $R^1$  where  $R^1$  is hydrogen, an optionally substituted carbocyclic or heterocyclic group having from 3 to 12 ring members, or an optionally substituted  $C_{1-8}$  hydrocarbyl group,

wherein the optional substituents for the  $C_{1-8}$  hydrocarbyl group are selected from hydroxy, oxo, alkoxy, carboxy, halogen, cyano, nitro, amino, mono- or di- $C_{1-4}$  hydrocarbylamino, and monocyclic or bicyclic carbocyclic and heterocyclic groups having from 3 to 12 ring members;

and, wherein the carbocyclic and heterocyclic groups in each instance are unsubstituted or substituted by one or more substituent groups  $R^{10}$  selected from:

halogen, hydroxy, trifluoromethyl, cyano, nitro, carboxy, amino, mono- or di- $C_{1-4}$  hydrocarbylamino, carbocyclic and heterocyclic groups having from 3 to 12 ring members; a group  $R^a-R^b$  wherein  $R^a$  is a bond, O, CO,  $X^1C(X^2)$ ,  $C(X^2)X^1$ ,  $X^1C(X^2)X^1$ , S, SO,  $SO_2$ ,  $NR^c$ ,  $SO_2NR^c$  or  $NR^cSO_2$ ; and  $R^b$  is selected from hydrogen, carbocyclic and heterocyclic groups having from 3 to 12 ring members, and a  $C_{1-8}$  hydrocarbyl group

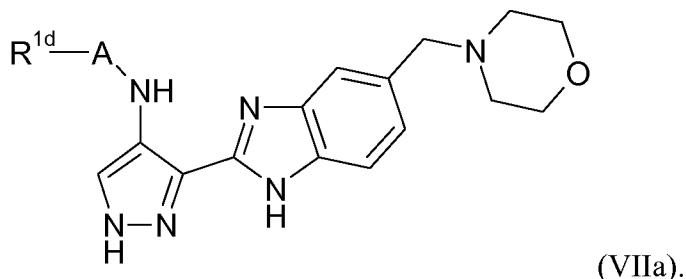
optionally substituted by one or more substituents selected from hydroxy, oxo, halogen, cyano, nitro, carboxy, amino, mono- or di-C<sub>1-4</sub> hydrocarbylamino, carbocyclic and heterocyclic groups having from 3 to 12 ring members and wherein one or more carbon atoms of the C<sub>1-8</sub> hydrocarbyl group may optionally be replaced by O, S, SO, SO<sub>2</sub>, NR<sup>c</sup>, X<sup>1</sup>C(X<sup>2</sup>), C(X<sup>2</sup>)X<sup>1</sup> or X<sup>1</sup>C(X<sup>2</sup>)X<sup>1</sup>; or two adjacent groups R<sup>10</sup>, together with the carbon atoms or heteroatoms to which they are attached may form a 5-membered heteroaryl ring or a 5- or 6-membered non-aromatic carbocyclic or heterocyclic ring, wherein the said heteroaryl and heterocyclic groups contain up to 3 heteroatom ring members selected from N, O and S;

R<sup>c</sup> is selected from hydrogen and C<sub>1-4</sub> hydrocarbyl; and

X<sup>1</sup> is O, S or NR<sup>c</sup> and X<sup>2</sup> is =O, =S or =NR<sup>c</sup>;

and provided that where the substituent group R<sup>10</sup> comprises or includes a carbocyclic or heterocyclic group, the said carbocyclic or heterocyclic group may be unsubstituted or may itself be substituted with one or more further substituent groups R<sup>10'</sup> [[R<sup>10</sup> and]] wherein (a) such further substituent groups R<sup>10'</sup> are defined as R<sup>10</sup> but include carbocyclic or heterocyclic groups, which are not themselves further substituted; or (b) the said further substituents R<sup>10'</sup> do not include carbocyclic or heterocyclic groups but are otherwise selected from the groups listed above in the definition of R<sup>10</sup>.

83. (Previously Presented) A compound according to claim 82, or a salt or N-oxide thereof, having the formula (VIIa):



84-95. (Canceled)

96. (Previously Presented) A pharmaceutical composition comprising a compound as defined in claim 82, or a salt or N-oxide thereof, and a pharmaceutically acceptable carrier.
- 97-99. (Canceled)
100. (Previously Presented) A compound according to claim 82, or a salt or N-oxide thereof, wherein  $R^1$  is an optionally substituted monocyclic or bicyclic carbocyclic or heterocyclic group having from 3 to 12 ring members.
101. (Previously Presented) A compound according to claim 100, or a salt or N-oxide thereof, wherein  $R^1$  is an optionally substituted monocyclic or bicyclic carbocyclic or heterocyclic group having from 3 to 10 ring members.
102. (Previously Presented) A compound according to claim 100, or a salt or N-oxide thereof, wherein  $R^1$  is unsubstituted.
103. (Previously Presented) A compound according to claim 100, or a salt or N-oxide thereof, wherein  $R^1$  is substituted by 1 or 2 or 3 or 4 substituents  $R^{10}$ .
104. (Previously Presented) A compound according to claim 100, or a salt or N-oxide thereof, wherein  $R^1$  is a substituted group and the substituents on  $R^1$  are selected from the group  $R^{10a}$  consisting of halogen, hydroxy, trifluoromethyl, cyano, nitro, carboxy, heterocyclic groups having 5 or 6 ring members and up to 2 heteroatoms selected from O, N and S, a group  $R^a-R^b$  wherein  $R^a$  is a bond, O, CO,  $X^3C(X^4)$ ,  $C(X^4)X^3$ ,  $X^3C(X^4)X^3$ , S, SO, or  $SO_2$ , and  $R^b$  is selected from hydrogen, a heterocyclic group having 5 or 6 ring members and up to 2 heteroatoms selected from O, N and S, and a  $C_{1-8}$  hydrocarbyl group optionally substituted by one or more substituents selected from hydroxy, oxo, halogen, cyano, nitro, carboxy, amino, mono- or di- $C_{1-4}$  hydrocarbylamino, carbocyclic and heterocyclic groups having 5 or 6 ring members and up to 2 heteroatoms selected from O, N and S; wherein one or more carbon atoms of the  $C_{1-8}$  hydrocarbyl group may optionally be replaced by O, S, SO,  $SO_2$ ,  $X^3C(X^4)$ ,  $C(X^4)X^3$  or  $X^3C(X^4)X^3$ ;  $X^3$  is O or S; and  $X^4$  is =O or =S.

105. (Currently Amended) A compound according to claim 100, or a salt or N-oxide thereof, wherein  $R^1$  is a substituted group and the substituents on  $R^1$  are selected from the group  $R^{10b}$  consisting of halogen, hydroxy, trifluoromethyl, cyano, nitro, carboxy, and a group  $R^a-R^b$  wherein  $R^a$  is a bond, O, CO,  $X^3C(X^4)$ ,  $C(X^4)X^3$ ,  $X^3C(X^4)X^3$ , S, SO, or  $SO_2$ , and  $R^b$  is selected from hydrogen and a  $C_{1-8}$  hydrocarbyl group optionally substituted by one or more substituents selected from hydroxy, oxo, halogen, cyano, nitro, and carboxy; wherein one or more carbon atoms of the  $C_{1-8}$  hydrocarbyl group may optionally be replaced by O, S, SO,  $SO_2$ ,  $X^3C(X^4)$ ,  $C(X^4)X^3$  or  $X^3C(X^4)X^3$ ;  $X^3$  is O or S; and  $X^4$  is =O or =S.
106. (Currently Amended) A compound according to claim 100, or a salt or N-oxide thereof, wherein the substituents on  $R^1$  are selected from halogen, hydroxy, trifluoromethyl, and a group  $R^a-R^b$  wherein  $R^a$  is a bond or O, and  $R^b$  is selected from hydrogen and a  $C_{1-4}$  hydrocarbyl group optionally substituted by one or more substituents selected from hydroxyl and halogen.
107. (Previously Presented) A compound according to claim 100, or a salt or N-oxide thereof, wherein  $R^1$  is a phenyl group which is 2,6-disubstituted, 2,3-disubstituted, 2,4-disubstituted 2,5-disubstituted, 2,3,6-trisubstituted or 2,4,6-trisubstituted.
108. (Previously Presented) A compound according to claim 100, or a salt or N-oxide thereof, wherein  $R^1$  is a phenyl group which is disubstituted at positions 2- and 6- with substituents selected from fluorine, chlorine and  $R^a-R^b$ , where  $R^a$  is O and  $R^b$  is  $C_{1-4}$  alkyl.
109. (Previously Presented) A compound according to claim 100, or a salt or N-oxide thereof, wherein  $R^1$  is a substituted or unsubstituted non-aromatic carbocyclic group having from 3 to 7 ring members.
110. (Currently Amended) A compound according to claim 100, or a salt or N-oxide thereof, wherein [[the]]  $R^1$  is a substituted or unsubstituted non-aromatic carbocyclic group [[has]] having from 3 to 6 ring members.

111. (Previously Presented) A compound according to claim 100, or a salt or N-oxide thereof, wherein the substituted or unsubstituted non-aromatic carbocyclic group R<sup>1</sup> is a cycloalkyl group.

112. (Currently Amended) A compound according to claim 82, or a salt or N-oxide thereof, wherein A is NH(C=O) or C=O and R<sup>1d</sup> is a group R<sup>1a</sup> wherein R<sup>1a</sup> is selected from:

- a 6-membered monocyclic aryl group substituted by one to three substituents R<sup>10c</sup> provided that when the aryl group is substituted by a methyl group, at least one substituent other than methyl is present;
- a 6-membered monocyclic heteroaryl group containing a single heteroatom ring member which is nitrogen, the heteroaryl group being substituted by one to three substituents R<sup>10c</sup>;
- a 5-membered monocyclic heteroaryl group containing up to three heteroatom ring members selected from nitrogen and sulphur, and being optionally substituted by one to three substituents R<sup>10c</sup>;
- a 5-membered monocyclic heteroaryl group containing a single oxygen heteroatom ring member and optionally a nitrogen heteroatom ring member, and being substituted by one to three substituents R<sup>10c</sup> provided that when the heteroaryl group contains a nitrogen ring member and is substituted by a methyl group, at least one substituent other than methyl is present;
- bicyclic aryl and heteroaryl groups having up to four heteroatom ring members and wherein either one ring is aromatic and the other ring is non-aromatic, or wherein both rings are aromatic, the bicyclic groups being optionally substituted by one to three substituents R<sup>10c</sup>;
- four-membered, six-membered and seven-membered monocyclic C-linked saturated heterocyclic groups containing up to three heteroatoms selected from nitrogen, oxygen and sulphur, the heterocyclic groups being optionally substituted by one to three substituents R<sup>10c</sup> provided that when the heterocyclic group has six ring members and contains only one heteroatom which is oxygen, at least one substituent R<sup>10c</sup> is present;

- a five membered monocyclic C-linked saturated heterocyclic group containing up to three heteroatoms selected from nitrogen, oxygen and sulphur, the heterocyclic group being optionally substituted by one to three substituents  $R^{10c}$  provided that when the heterocyclic group has five ring members and contains only one heteroatom which is nitrogen, at least one substituent  $R^{10c}$  other than hydroxy is present;
  - four and six membered cycloalkyl groups optionally substituted by one to three substituents  $R^{10c}$ ;
  - three and five membered cycloalkyl groups substituted by one to three substituents  $R^{10c}$ ; and
  - a group  $Ph'CR^{17}R^{18}$  - where  $Ph'$  is a phenyl group substituted by one to three substituents  $R^{10c}$ ;  $R^{17}$  and  $R^{18}$  are the same or different and each is selected from hydrogen and methyl; or  $R^{17}$  and  $R^{18}$  together with the carbon atom to which they are attached form a cyclopropyl group; or one of  $R^{17}$  and  $R^{18}$  is hydrogen and the other is selected from amino, methylamino,  $C_{1-4}$  acylamino, and  $C_{1-4}$  alkoxycarbonylamino;
  - unsubstituted phenyl and phenyl substituted with one or more methyl groups;
  - an unsubstituted 6-membered monocyclic heteroaryl group containing a single heteroatom ring member which is nitrogen;
  - unsubstituted furyl;
  - a 5-membered monocyclic heteroaryl group containing a single oxygen heteroatom ring member and a nitrogen heteroatom ring member, and being unsubstituted or substituted by one or more methyl groups;
  - an unsubstituted six membered monocyclic C-linked saturated heterocyclic group containing only one heteroatom which is oxygen; and
  - unsubstituted three and five membered cycloalkyl groups;
- and  $R^{10c}$  is selected from:
- halogen;
  - hydroxyl;
  - $C_{1-4}$  hydrocarbyloxy optionally substituted by one or more substituents selected from hydroxyl and halogen;

- C<sub>1-4</sub> hydrocarbyl substituted by one or more substituents selected from hydroxyl, halogen and five and six-membered saturated heterocyclic rings containing one or two heteroatom ring members selected from nitrogen, oxygen and sulphur;
- S-C<sub>1-4</sub> hydrocarbyl;
- phenyl optionally substituted with one to three substituents selected from C<sub>1-4</sub> alkyl, trifluoromethyl, fluoro and chloro;
- heteroaryl groups having 5 or 6 ring members and containing up to 3 heteroatoms selected from N, O and S, the heteroaryl groups being optionally substituted with one to three substituents selected from C<sub>1-4</sub> alkyl, trifluoromethyl, fluoro and chloro;
- 5- and 6-membered non-aromatic heterocyclic groups containing up to 3 heteroatoms selected from N, O and S and being optionally substituted with one to three substituents selected from C<sub>1-4</sub> alkyl, trifluoromethyl, fluoro and chloro;
- cyano, nitro, amino, C<sub>1-4</sub> alkylamino, di-C<sub>1-4</sub>alkylamino, C<sub>1-4</sub> acylamino, and C<sub>1-4</sub> alkoxycarbonylamino;
- a group R<sup>19</sup>-S(O)<sub>n</sub>- where n is 0, 1 or 2 and R<sup>19</sup> is selected from amino; C<sub>1-4</sub> alkylamino; di-C<sub>1-4</sub>alkylamino; C<sub>1-4</sub> hydrocarbyl; phenyl optionally substituted with one to three substituents selected from C<sub>1-4</sub> alkyl, trifluoromethyl, fluoro and chloro; and 5- and 6-membered non-aromatic heterocyclic groups containing up to 3 heteroatoms selected from N, O and S and being optionally substituted with one to three C<sub>1-4</sub> alkyl group substituents; and
- a group R<sup>20</sup>-Q- where R<sup>20</sup> is phenyl optionally substituted with one to three substituents selected from C<sub>1-4</sub> alkyl, trifluoromethyl, fluoro and chloro; and Q is a linker group selected from OCH<sub>2</sub>, CH<sub>2</sub>O, NH, CH<sub>2</sub>NH, NCH<sub>2</sub>, CH<sub>2</sub>, NHCO and CONH.

113. (Currently Amended) A compound according to claim 82, or a salt or N-oxide thereof, wherein A is NH(C=O) or (C=O), and R<sup>1d</sup> is a group R<sup>1b</sup>, wherein R<sup>1b</sup> is a substituted phenyl group having from 1 to 4 substituents whereby:

(i) when R<sup>1b</sup> bears a single substituent it is selected from halogen, hydroxyl, C<sub>1-4</sub> hydrocarbyloxy optionally substituted by one or more substituents selected from hydroxyl and halogen; C<sub>1-4</sub> hydrocarbyl substituted by one or more substituents selected from hydroxyl and halogen; heteroaryl group having 5 ring members; and 5- and 6-

membered non-aromatic heterocyclic groups, wherein the heteroaryl and heterocyclic groups contain up to 3 heteroatoms selected from N, O and S; [[and]] or

(ii) when R<sup>1b</sup> bears 2, 3 or 4 substituents, each is selected from halogen, hydroxyl, C<sub>1-4</sub> hydrocarbyloxy optionally substituted by one or more substituents selected from hydroxyl and halogen; C<sub>1-4</sub> hydrocarbyl optionally substituted by one or more substituents selected from hydroxyl and halogen; heteroaryl groups having 5 ring members; amino; and 5- and 6-membered non-aromatic heterocyclic groups; or two adjacent substituents together with the carbon atoms to which they are attached form a 5-membered heteroaryl ring or a 5- or 6-membered non-aromatic heterocyclic ring; wherein the said heteroaryl and heterocyclic groups contain up to 3 heteroatoms selected from N, O and S.

114. (Currently Amended) A compound according to claim 82, or a salt or N-oxide thereof, wherein R<sup>1d</sup> is a group R<sup>1c</sup>, wherein R<sup>1c</sup> is selected from:

- (a) a mono-substituted phenyl group wherein the substituent is selected from *o*-amino, *o*-methoxy, *o*-chloro, *p*-chloro, *o*-difluoromethoxy, *o*-trifluoromethoxy, *o*-*tert*-butoxy, *m*-methylsulphonyl and *p*-fluoro;
- (b) a 2,4- or 2,6-disubstituted phenyl group wherein one substituent is selected from *o*-methoxy, *o*-ethoxy, *o*-fluoro, and *p*-morpholino and the other substituent is selected from *o*-fluoro, *o*-chloro, *p*-chloro, and *p*-amino;
- (c) a 2,5-disubstituted phenyl group wherein one substituent is selected from *o*-fluoro and *o*-methoxy and the other substituent is selected from *m*-methoxy, *m*-isopropyl, *m*-fluoro, *m*-trifluoromethoxy, *m*-trifluoromethyl, *m*-methylsulphonyl, *m*-pyrrolidinosulphonyl, *m*-(4-methylpiperazin-1-yl)sulphonyl, *m*-morpholinosulphonyl, *m*-methyl, *m*-chloro and *m*-aminosulphonyl;
- (d) a 2,4,6-tri-substituted phenyl group where the substituents are the same or different and are each selected from *o*-methoxy, *o*-fluoro, *p*-fluoro, and *p*-methoxy provided that no more than one methoxy substituent is present;
- (e) a 2,4,5-tri-substituted phenyl group where the substituents are the same or different and are each selected from *o*-methoxy, *m*-chloro and *p*-amino;
- (f) unsubstituted benzyl; 2,6-difluorobenzyl;  $\alpha,\alpha$ -dimethylbenzyl; 1-phenylcycloprop-1-yl; and  $\alpha$ -*tert*-butoxycarbonylaminobenzyl;



- (g) an unsubstituted 2-furyl group or a 2-furyl group bearing a single substituent selected from 4-(morpholin-4-ylmethyl) and piperidinylmethyl; and optionally a further substituent selected from methyl;
  - (h) an unsubstituted pyrazolo[1,5-a]pyridin-3-yl group;
  - (i) isoxazolyl substituted by one or two C<sub>1-4</sub> alkyl groups;
  - (j) 4,5,6,7-tetrahydro-benz[d]isoxazol-3-yl;
  - (k) 3-tert-butyl-phenyl-1H-pyrazol-5-yl;
  - (l) quinoxalinyl;
  - (m) benz[c]isoxazol-3-yl;
  - (n) 2-methyl-4-trifluoromethyl-thiazol-5-yl;
  - (o) 3-phenylamino-2-pyridyl;
  - (p) 1-toluenesulphonylpyrrol-3-yl;
  - (q) 2,4-dimethoxy-3-pyridyl; and 6-chloro-2-methoxy-4-methyl-3-pyridyl;
  - (r) imidazo[2,1-b]thiazol-6-yl;
  - (s) 5-chloro-2-methylsulphanyl-pyrimidin-4-yl;
  - (t) 3-methoxy-naphth-2-yl;
  - (u) 2,3-dihydro-benz[1,4]dioxin-5-yl;
  - (v) 2,3-dihydro-benzfuranyl group optionally substituted in the five membered ring by one or two methyl groups;
  - (w) 2-methyl-benzoxazol-7-yl;
  - (x) 4-aminocyclohex-1-yl;
  - (y) 1,2,3,4-tetrahydro-quinolin-6-yl;
  - (z) 2-methyl-4,5,6,7-tetrahydro-benzfuran-3-yl;
  - (aa) 2-pyrimidinyl-1-piperidin-4-yl; and 1-(5-trifluoromethyl-2-pyridyl)-piperidin-4-yl and 1-methylsulphonylpiperidin-4-yl;
  - (ab) 1-cyanocyclopropyl; and
  - (ac) N-benzylmorpholin-2-yl;
- and when A is NH(C=O), R<sup>1c</sup> is additionally selected from:
- (ad) unsubstituted phenyl.

115. (Previously Presented) A compound according to claim 83, or a salt or N-oxide thereof, wherein A is NH(C=O).

116. (Previously Presented) A compound according to claim 83, or a salt or N-oxide thereof, wherein A is C=O.
117. (Previously Presented) A compound according to claim 101, or a salt or N-oxide thereof, wherein R<sup>1</sup> is unsubstituted.
118. (Previously Presented) A compound according to claim 101, or a salt or N-oxide thereof, wherein R<sup>1</sup> is substituted by 1 or 2 or 3 or 4 substituents R<sup>10</sup>.
119. (Previously Presented) A compound according to claim 82, wherein the compound is in the form of a salt.
- 120-135. (Canceled)